

**HIGHLY EFFICIENT AUTONOMOUS VACUUM CLEANER****Publication number:** FR2826851**Publication date:** 2003-01-10**Inventor:** NIELSEN HENRIK**Applicant:** NIELSEN INNOVATION (FR)**Classification:****- international:** *A47L5/22; A47L5/28; A47L5/32; A47L5/36; A47L9/00; A47L9/10; F04D29/44; A47L5/22; A47L9/00; A47L9/10; F04D29/44; (IPC1-7): A47L5/24***- European:** *A47L5/22; A47L5/28; A47L5/32; A47L5/36A; A47L9/00D; A47L9/00E; A47L9/10; F04D29/44C3***Application number:** FR20010008799 20010703**Priority number(s):** FR20010008799 20010703**Also published as:**

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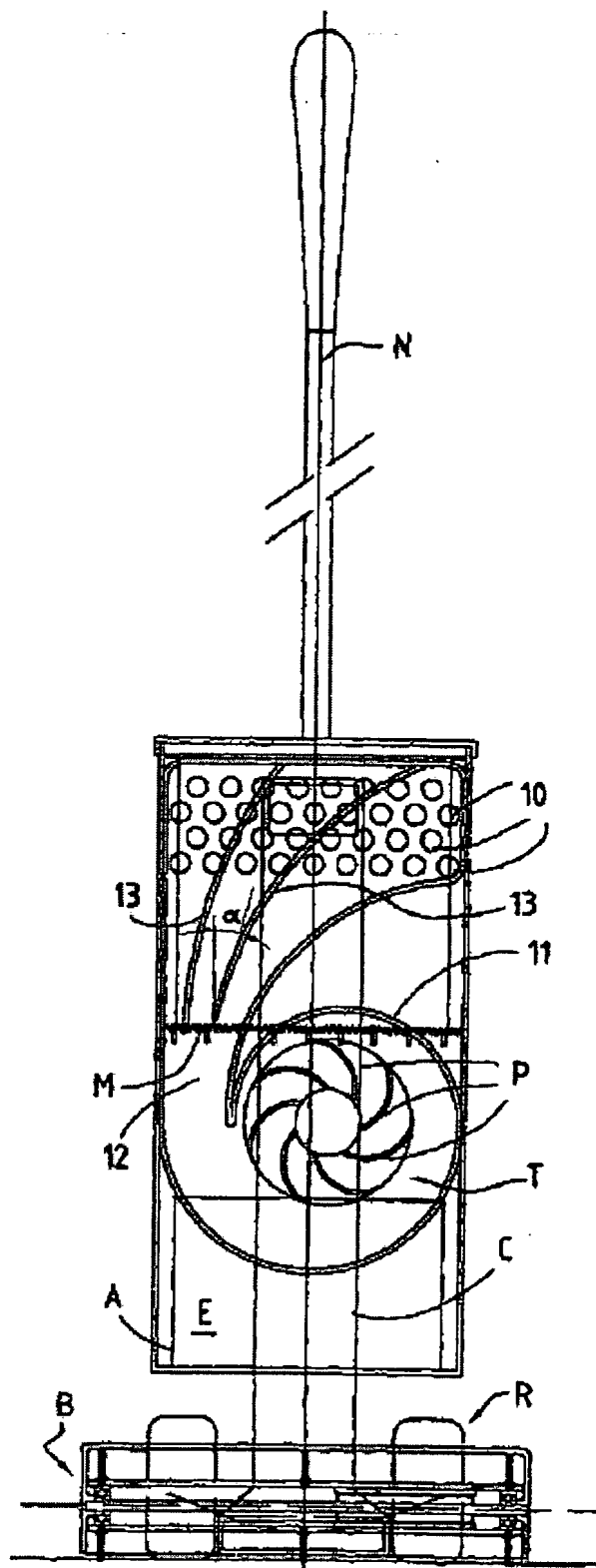
US2005125937 (A1)

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**Report a data error here****Abstract of FR2826851**

The invention relates to a vacuum cleaner comprising a frame mounted on transport members (R, R') and provided with an electric turbine (T) which is used to create a depression, via a membrane filter (M), in a collector (S) of particles recovered from the ground and driven towards said collector by a flow of air via a transfer conduit (C), characterized in that said turbine (T) comprises a set of blades (P) and a nozzle (1) whereby the casing thereof consists of an upstream (11) volute which is centered on the axis of the blades and which leads to a divergent downstream part (12) which communicates with the outside.



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